

# multiple videos at once in VB.NET with ByteScout Image To Video SDK

## multiple videos at once in VB.NET

These source code samples are listed and grouped by their programming language and functions they use. Multiple videos at once in VB.NET can be implemented with ByteScout Image To Video SDK. ByteScout Image To Video SDK is the library for conversion of images into video slideshow. Provides built-in support for more than hundred of 2D and 3D transition effects. Output formats supported are AVI,WMV and WEBM video files. You may adjust output video size, quality, framerate and add audio.

Fast application programming interfaces of ByteScout Image To Video SDK for VB.NET plus the instruction and the VB.NET code below will help you quickly learn multiple videos at once. In order to implement this functionality, you should copy and paste code below into your app using code editor. Then compile and run your application. Code testing will allow the function to be tested and work properly with your data.

ByteScout Image To Video SDK free trial version is available for download from our website. Free trial also includes programming tutorials along with source code samples.

VB.NET - Program.vb

```
Imports System.Threading
Imports BytescoutImageToVideo

Class Program

    Private Shared numBusy As Integer
    Private Shared doneEvent As ManualResetEvent

    Friend Shared Sub Main(ByVal args As String())

        doneEvent = New ManualResetEvent(False)

        Console.WriteLine("Converting JPG slides to video in multiple threads, please wait...")

        numBusy = 10 ' 10 threads to start

        ' starting threads one by one
        For i As Integer = 1 To numBusy
            ThreadPool.QueueUserWorkItem(AddressOf DoWork, i)
        Next

        ' wait for all threads finished
```

```

doneEvent.WaitOne()

Console.WriteLine("All threads are finished. Press any key to continue..")
Console.ReadKey()

End Sub

Private Shared Function GetRandomEffect() As TransitionEffectType
    Dim rr As New Random
    GetRandomEffect = rr.Next(CType(TransitionEffectType.teZoomOut, Integer),
    CType(TransitionEffectType.teBlinds3DHorz, Integer))
End Function

Private Shared Sub DoWork(ByVal data As Object)

    Dim index As Integer = CInt(Data)

    Try
        Console.WriteLine("Thread {0} started...", index)

        ' Create BytescoutImageToVideoLib.ImageToVideo object instance
        Dim converter As New ImageToVideo()

        ' Activate the component
        converter.RegistrationName = "demo"
        converter.RegistrationKey = "demo"

        ' Add images and set the duration for every slide
        Dim slide As Slide
        slide =
DirectCast(converter.AddImageFromFileName("../..\..\..\slide1.jpg"), Slide)
        slide.Duration = 3000 ' 3000ms = 3s
        slide.InEffect = GetRandomEffect()
        slide.OutEffect = GetRandomEffect()

        slide =
DirectCast(converter.AddImageFromFileName("../..\..\..\slide2.jpg"), Slide)
        slide.Duration = 3000
        slide.InEffect = GetRandomEffect()
        slide.OutEffect = GetRandomEffect()

        slide =
DirectCast(converter.AddImageFromFileName("../..\..\..\slide3.jpg"), Slide)
        slide.Duration = 3000
        slide.InEffect = GetRandomEffect()
        slide.OutEffect = GetRandomEffect()

        ' Set output video size
        converter.OutputWidth = 640
        converter.OutputHeight = 480

        ' Set output video file name
        converter.OutputVideoFileName = String.Format("result_{0}.wmv", index)

        ' Run the conversion
        converter.RunAndWait()
    
```

```
' Release resources
System.Runtime.InteropServices.Marshal.ReleaseComObject(converter)

Console.WriteLine("Thread {0} finished.", index)

Catch ex As Exception
    Console.WriteLine("Thread {0} failed: {1}", index, ex.Message)
End Try

If Interlocked.Decrement(numBusy) = 0 Then
    doneEvent.Set()
End If

End Sub
End Class
```

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